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# USAREUR Digital Training Strategy



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# Battle Command Training Framework

*Based upon the Battle Command Training Strategy (BCTS) - now in AO staffing*

- **Individual and Leader Development Training.** Individual training on ABCS is the foundation for success. Focused on Soldiers, leaders, Battle Staff NCOs, and officers. *Three basic triggers for individual training: 1) a Soldier is assigned a new duty position that requires digital skills, 2) periodic sustainment training to preclude skill decay or deficiencies, 3) because of fielding, implementation, or changes to software, equipment, doctrine, or organization.*
- **Crew/Section/Staff Training.** The beginning of collective digital training and focuses units and staff sections on employment of C2 systems in the context of mission tasks for that unit.
- **Unit/Staff Drills.** Staff training consists of small, simulation-driven training drills using ABCS systems within the operational context to train the individual unit staff.
- **Functional Command Post Training/Exercises.** Targets the vertical functional processes (fires, intelligence, etc.) and the horizontal integration staff processes supported by continuous staff estimates. *This collective training consists of live FTXs and constructive CPXs which drive (stimulate) the ABCS boxes. Collective training provides dynamic scenarios.*
- **Integrated Command Post Training.** These exercises are primarily culminating training events for units working as a combined arms team in a Joint context.

"We need a baseline course not only for the new guys but also for the old guys... it needs to focus on overview and sustainment training... we need people to exploit this technology... they need practical applications like battle drills... these are perishable skills."

LTG James D. Thurman, Commander, V Corps



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# Staff Training Strategy (Digital Gunnery Tables)


Source: Draft Battle Command Training Strategy v 14 Mar 07

Table	Title	Training Event Supporting Table	Outcome	Notes
I	Individual staff Warfighter training	Classroom/Lab Instruction in Institution/NET/Unit	Soldiers/leaders are trained in time tested analog methods of staff operations. Proficiencies demonstrated include ability to perform individual tasks supporting critical collective tasks (e.g. information management (IM) and the MDMP).	Individual Training
II	Individual digital training	Classroom/Lab Instruction in Institution/NET/Unit	Soldiers learn assigned ABCS equipment and can perform individual tasks which support IM and the MDMP.	
III	Leader training	Classroom/Lab Instruction in Institution/NET/Unit	Leaders are familiarized with the functions and limitations of the ABCS equipment in their staff cell(s) and function.	
IV	Individual Integrator	Classroom/Lab Instruction in Institution/NET/Unit	Soldiers understand how their ABCS equipment integrates in the network. CP NCO leadership can digitally configure cell/function. SoS integrators can configure different cells and functions into a coherent network within the CP and can establish and maintain connectivity to the network outside of the CP.	
V	Collective Digital Integration / CP Emplacement/Displacement	COMEX	Command Posts capable of establishing physical networks, configuring servers, routers, switches, and BFA systems; and demonstrate basic functional capability on all systems to include proficiency in horizontal/vertical information sharing.	Vertical and Horizontal Training
VI	Cell/Element training w/o INFOSYS	STX	Cells, and elements Sections, cells, and elements conduct critical collective tasks (e.g. IM and MDMP) without digital enablers. (e.g the Current Operations Cell delivers a shift change without INFOSYS).	Cell/Element Collective Training
VII	Cell/Element training w/ INFOSYS	STX	Cells/elements conduct critical collective tasks (e.g. IM and MDMP) with digital enablers.	
VIII	Staff Drills	STX	The Staff or CP collectively conducts critical collective tasks using vignettes.	Horizontal Training
IX	Vertical functional Tng w/o INFOSYS	STX	A staff function is exercised and evaluated without digital enablers (e.g. the fire support warfighting function conducts call for fire training through different echelons of command).	Vertical Training
X	Vertical functional Tng w/INFOSYS	STX	A staff function is exercised and evaluated with digital enablers.	Vertical Training
XI	Delta Training	Classroom/Lab Instruction in NET / Unit/COMEX/STX	Soldiers, Cells, Functions and CPs can perform critical collective tasks when new digital enablers are introduced. (e.g. If a unit was operating under software version "A.a" and was upgraded to "A.b", training would focus on the changes that software dictated in MDMP and IM support).	Vertical and Horizontal Training
XII	Integrated Command Post training	CPX*	A unit's assigned CP's full METL is exercised under realistic conditions. As Table XII for armor units serves as a gate for CALFEX, Table XII can serve as a gate for BCBST or BCTP rotations.	Integrated Training

# Battle Command Training Enablers

*Based upon the Battle Command Training Strategy (BCTS) - now in AO staffing*

- Operational Training is the responsibility of unit commanders supported by the installation's Battle Command (BC) training enablers.
- Training and integration of BC systems requires **5 essential capabilities**:
  - Individual training classrooms, equipped for digital training, with BC systems and networks.
  - Collective/battle staff training areas.
  - Connectivity of BC training enablers that allow integration of vertical and horizontal training.
  - Simulation/stimulation capability to allow tailoring to meet commanders training objectives.



JMTC is preparing feedback on draft BCTS. Will align AE 350-1 with final version.

*With respect to digital training at institutions: "The schoolhouses are overloaded."*  
BG Joe Rameriz, DCG CAC-T

# Requirement for Trainers

## Requirement

ABCS System	HQ V Corps	1AD	SETAF	2SCR	173d	12 CAB	Total	Annual Load	Class Size	Class Rqmt
FBCB2 / BFT	36	134	0	752	268	192	1382	1797	30	60
MCS-L	10	0	0	49	34	33	126	164	10	16
CPOF (When Fielded)	TBD	TBD	0	24	21	21	66	86	15	6
ASAS-L	43	40	6	18	14	6	127	165	10	17
AFATDS	6	53	3	16	22	7	107	139	10	14
BCS3 21st TSC = 42	38	37	6	11	10	11	155	202	10	20
C2PC	80	257	TBD	0	0	0	337	438	25	29
										<b>128</b>

$$\text{Annual ADTS Load} = \frac{\text{Systems} \times 2.5 \text{ operators} + 10\% (\text{turbulence})}{2 \text{ years (avg. time on station)}}$$

The requirement reflects only high density units, there are more ABCS systems in theater

## Trainers

Systems

	FBCB2 / BFT	MCS-L / CPOF	ASAS-L	AFATDS	BCS3	C2PC
2/405 <sup>th</sup> AFSB*	2	1	2	2	2	
U'R G3/BCSD	3*					6**
JMCTC <del>planned</del>	2	1	1	1	1	1

\* Field Services Representatives (FSRs) primary focus is on break fix; conduct training part-time.

\*\* 6 Soldiers (2 Mobile Training Teams) for C2PC training (they also train IWS and FBCB2 / BFT).

- Using a PEO-STRI contract (JMCTC funding)
- CONUS BCTC Satisfied with this service
- Requirements tailored for USAREUR





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## USAREUR Battle Command Training Strategy

- Employs standard training packages IAW the Army BCTS.
- Uses simulations to facilitate training as appropriate.
- Supports Battle Command As A Weapons System (BCAWS) reporting requirements IAW AR 220-1.

• Integrated Command Post Training.	CPX	Annually
• Functional Command Post Training/Exercises.	Live FTX or Constructive CPX	Semi-annually
• Unit/Staff Drills.	Small Unit STAFFEX/CPX	Quarterly
• Crew/Section/Staff Training.	Small Unit COMMEX/STX	As scheduled
• Individual and Leader Development Training.	FBCB2 / BFT FBCB2 Unit Level Maint. MCS-L C2PC BCS3 ASAS-L AFATDS CPOF IWS & low density systems (as req.)	Monthly

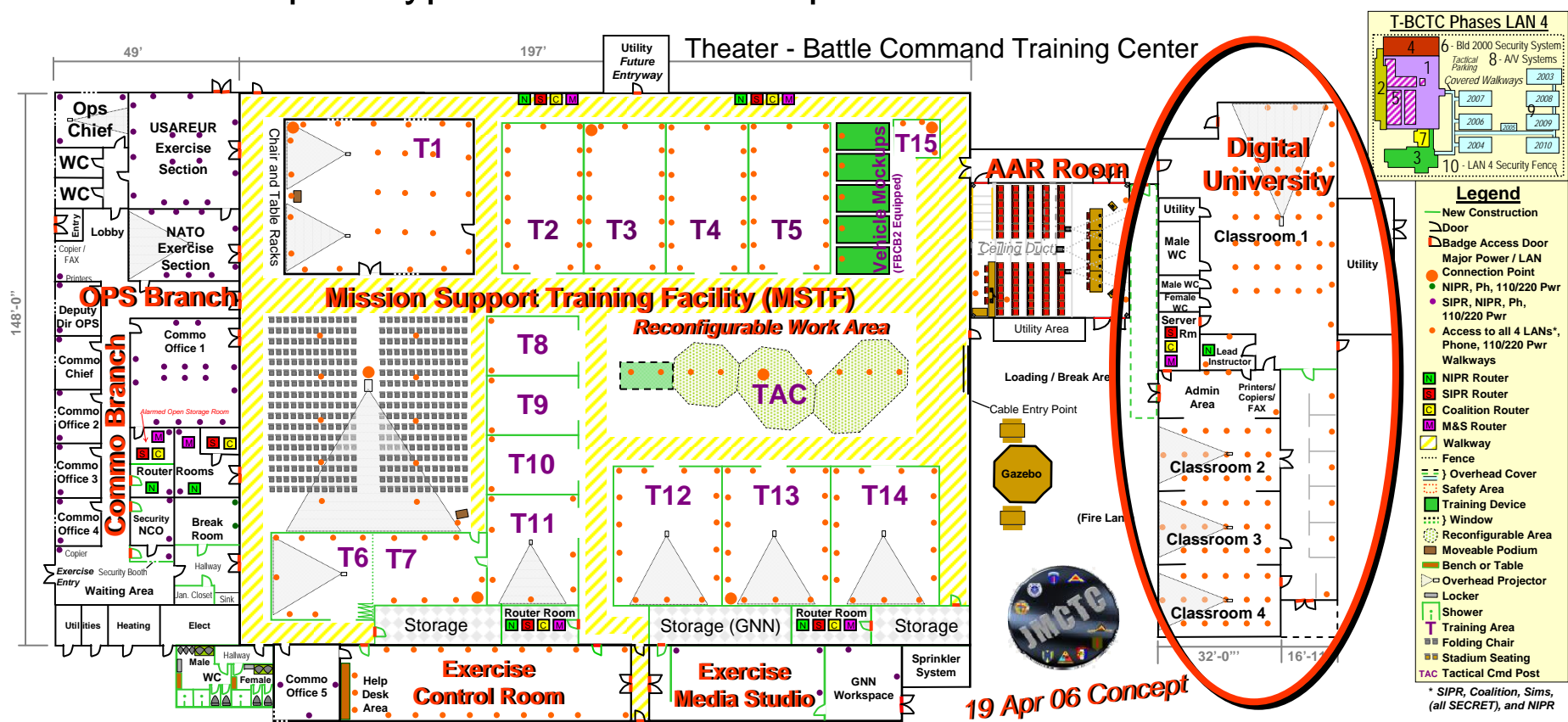
USAREUR Digital University Instructors will conduct: courses for Soldiers with new ABCS duties and **Digital Master Gunners**, opportunity training (in conjunction with other training at the JMTC), pre-exercise operator training, and over-the-shoulder coaching during **collective training and exercises**.





# JMCTC Building 2000

- JMCTC is converting old CCTT facility into the Theater Battle Command Training Center (T-BCTC).
- DAMO-TRS has committed funding to help furnish the facility training areas as a prototype for new BCTCs planned in CONUS.





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## Funding

- No additional cost to USAREUR.
- JMCTC TCSC MDEP funds this requirement IAW TCSC Program Definition.
  - Funding is available for digital training in the JMCTC budget.
- JMCTC Black Belt LSS Project will review existing contracts for savings.
- Costs:
  - Trainers: \$1.3M / year (\$466k for FY07).
  - MTT TDY: ~ \$200k / year.
  - Student TDY (minimized by MTTs).
- DA G3 direct purchase of \$2.2M in white boxes in FY07 for this concept.

“You [JMCTC] have to be postured to support this [individual digital training] demand ...the Digital University must be a part of your BCTC...when Battle Command as a Weapons System stands up, there will be a quarterly requirement for a CPX which will drive your digital training requirements.” [BG Thomas Maffey, HQDA G3-T \(DAMO-TR\)](#)